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CONFIRMATION NO. 2862

SERIAL NUMBER 10/632,448	FILING DATE 08/01/2003 RULE	CLASS 166	GROUP ART UNIT 3672	ATTORNEY DOCKET NO.
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APPLICANTS

William David Hardgrave, Carrollton, TX;

** CONTINUING DATA ***** *None*** FOREIGN APPLICATIONS ***** *None*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** SMALL ENTITY **

** 10/30/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY TX	SHEETS DRAWING 8	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 4
Verified and Acknowledged	Examiner's Signature <i>[Signature]</i> Initials <i>[Initials]</i>				

ADDRESS

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TITLE

Downhole hydraulic ram

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